

INTERNATIONAL SEARCH REPORT

International Application No

IB2004/050553

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04N5/455 H04L27/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
 IPC 7 H03D H04B H04L H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 933 767 A (HYAKUTAKE JUNICHI) 12 June 1990 (1990-06-12) column 4, lines 28-35 column 4, lines 43-46 column 6, lines 15-26; figures 6,7,9,10 -----	1-4, 10-13
A	US 4 253 189 A (CARDOT CLAUDE ET AL) 24 February 1981 (1981-02-24) column 1, lines 24-28 -----	5-9
A	US 3 750 026 A (WATANABE K) 31 July 1973 (1973-07-31) abstract; figure 7 ----- -/-	7

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the International search

Date of mailing of the international search report

20 September 2004

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Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	BENNETT W R ET AL: "METHODS OF ESTABLISHING A REFERENCE CARRIER FOR SYNCHRONOUS DETECTION" DATA TRANSMISSION, NEW YORK, MC.GRAW-HILL, US, 1965, pages 252-259, XP000793807 figures 13-4 -----	7
A	US 4 272 845 A (FIUMANI FRANCESCO) 9 June 1981 (1981-06-09) abstract; figure 1 -----	7

INTERNATIONAL SEARCH REPORT

Information on patent family members

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